Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-8 (Cancelled)

Claim 9 (Currently Amended) A method for inhibiting synovial cell growth, comprising administering to a patient in need thereof a pharmaceutical composition comprising humanized PM-1 antibody and a physiologically acceptable carrier, wherein said humanized PM-1 antibody comprises

(A) L chains of an antibody to a human IL-6 receptor, each comprising:

(1) a variable (V) region of a light (L) chain of an antibody to the human IL-6 receptor having the following structure:

FR1¹-CDR1¹-FR2¹-CDR2¹-FR3¹-CDR3¹-FR4¹

wherein CDR1¹, CDR2¹ and CDR3¹ represent a set of three complementarity determining regions comprising a set of the following amino acid sequences:

- CDR1¹ Arg Ala Ser Gln Asp Ile Ser Ser Tyr Leu Asn (SEQ ID NO: 2)
- CDR2¹ Tyr Thr Ser Arg Leu His Ser (SEQ ID NO: 3)
- CDR3¹ Gln Gln Gly Asn Thr Leu Pro Tyr Thr (SEQ ID NO: 4); and the FR1¹, FR2¹, FR3¹ and FR4¹ comprise a set of the following amino acid sequences:
- FR1¹ Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala

 Ser Val Gly Asp Arg Val Thr Ile Thr Cys (SEQ ID NO:

 5)
- FR2¹ Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr (SEQ ID NO: 6)
- FR3¹ Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr

 Asp Phe Thr Phe Thr Ile Ser Ser Leu Gln Pro Glu Asp

 Ile Ala Thr Tyr Tyr Cys (SEQ ID NO: 7)
- FR4¹ Phe Gly Gln Gly Thr Lys Val Glu Ile Lys (SEQ ID NO: 8);

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<u>or</u>

	FR1 ¹	Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala	
		Ser Val Gly Asp Arg Val Thr Ile Thr Cys (SEQ ID NO:	
		<u>5)</u>	
	FR2 ¹	Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu	
		Ile Tyr (SEQ ID NO: 6)	
	FR3 ¹	Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr	
		Asp Tyr Thr Phe Thr Ile Ser Ser Leu Gln Pro Glu Asp	
		Ile Ala Thr Tyr Cys (SEQ ID NO: 9)	
	FR4 ¹	Phe Gly Gln Gly Thr Lys Val Glu Ile Lys (SEQ ID NO:	
		<u>8);</u>	
	<u>and</u>		
(2) a C region of an L chain of a human antibody Cκ; and			
(B) H chains of an antibody to the human IL-6 receptor, each comprising:			
(1) a V region of a heavy (H) chain of an antibody to the human IL-6			
	receptor having the following structure:		
	FR1 ² -CDR1 ² -FR2 ² -CDR2 ² -FR3 ² -CDR3 ² -FR4 ²		
	wherein CDR1 ² , CDR2 ² and CDR3 ² represent a set of three		
	complementarity determining regions comprising a set of the following		
	amino acid sequences:		
	CDR1 ²	Ser Asp His Ala Trp Ser (SEQ ID NO: 10)	
	CDR2 ²	Tyr Ile Ser Tyr Ser Gly Ile Thr Thr Tyr Asn Pro Ser	
		Leu Lys Ser (SEQ ID NO: 11)	
	CDR3 ²	Ser Leu Ala Arg Thr Thr Ala Met Asp Tyr (SEQ ID	
		NO: 12);	
	and the FR12	, FR2 ² , FR3 ² and FR4 ² comprise a set of the following	
	amino acid sequences:		
	FR1 ²	Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Arg	
		Pro Ser Gln Thr Leu Ser Leu Thr Cys Thr Val Ser Gly	
		Tyr Ser Ile Thr (SEQ ID NO: 13)	
	FR2 ²	Trp Val Arg Gln Pro Pro Gly Arg Gly Leu Glu Trp Ile	

Trp Val Arg Gln Pro Pro Gly Arg Gly Leu Glu Trp Ile

Arg Val Thr Met Leu Arg Asp Thr Ser Lys Asn Gln

Ala Val Tyr Tyr Cys Ala Arg (SEQ ID NO: 15) and

Phe Ser Leu Arg Leu Ser Ser Val Thr Ala Ala Asp Thr

Gly (SEQ ID NO: 14)

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002.1208281.1

FR3²

FR4² Trp Gly Gln Gly Ser Leu Val Thr Val Ser Ser (SEQ ID NO: 16);

<u>and</u>

(2) a C region of an H chain of a human antibody Cy.

- Claim 10 (Cancelled)
- Claim 11 (Previously Presented) The method according to claim 9, wherein the patient is a human.
- Claim 12 (Previously Presented) The method according to claim 11, wherein the antibody is administered in four divided doses from about 1 to 1000 mg.
- Claim 13 (Currently Amended) A method of treating chronic rheumatoid arthritis, comprising administering to a patient in need thereof a pharmaceutical composition comprising humanized PM-1 antibody and a physiologically acceptable carrier, wherein said humanized PM-1 antibody comprises

 (A) L chains of an antibody to a human IL-6 receptor, each comprising:

(1) a variable (V) region of a light (L) chain of an antibody to the human IL-6 receptor having the following structure:

FR1¹-CDR1¹-FR2¹-CDR2¹-FR3¹-CDR3¹-FR4¹

wherein CDR1¹, CDR2¹ and CDR3¹ represent a set of three complementarity determining regions comprising a set of the following amino acid sequences:

- CDR1¹ Arg Ala Ser Gln Asp Ile Ser Ser Tyr Leu Asn (SEQ ID NO: 2)
- CDR2¹ Tyr Thr Ser Arg Leu His Ser (SEQ ID NO: 3)
- CDR3¹ Gln Gln Gly Asn Thr Leu Pro Tyr Thr (SEQ ID NO: 4); and the FR1¹, FR2¹, FR3¹ and FR4¹ comprise a set of the following amino acid sequences:
- FR1¹ Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala

 Ser Val Gly Asp Arg Val Thr Ile Thr Cys (SEQ ID NO:

 5)
- FR2¹ Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr (SEQ ID NO: 6)

Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr

Asp Phe Thr Phe Thr Ile Ser Ser Leu Gln Pro Glu Asp

Ile Ala Thr Tyr Tyr Cys (SEQ ID NO: 7)

FR4¹ Phe Gly Gln Gly Thr Lys Val Glu Ile Lys (SEQ ID NO: 8);

<u>or</u>

FR1¹ Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala

Ser Val Gly Asp Arg Val Thr Ile Thr Cys (SEQ ID NO:

5)

FR2¹ Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr (SEQ ID NO: 6)

FR3¹ Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr

Asp Tyr Thr Phe Thr Ile Ser Ser Leu Gln Pro Glu Asp

Ile Ala Thr Tyr Tyr Cys (SEQ ID NO: 9)

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys (SEQ ID NO: 8);

and

(2) a C region of an L chain of a human antibody Cκ; and(B) H chains of an antibody to the human IL-6 receptor, each comprising:

(1) a V region of a heavy (H) chain of an antibody to the human IL-6 receptor having the following structure:

FR1²-CDR1²-FR2²-CDR2²-FR3²-CDR3²-FR4²

wherein CDR1², CDR2² and CDR3² represent a set of three complementarity determining regions comprising a set of the following amino acid sequences:

CDR1² Ser Asp His Ala Trp Ser (SEQ ID NO: 10)

CDR2² Tyr Ile Ser Tyr Ser Gly Ile Thr Thr Tyr Asn Pro Ser

Leu Lys Ser (SEQ ID NO: 11)

CDR3² Ser Leu Ala Arg Thr Thr Ala Met Asp Tyr (SEQ ID NO: 12);

and the FR1², FR2², FR3² and FR4² comprise a set of the following amino acid sequences:

	Pro Ser Gln Thr Leu Ser Leu Thr Cys Thr Val Ser Gly		
	Tyr Ser Ile Thr (SEQ ID NO: 13)		
FR2 ²	Trp Val Arg Gln Pro Pro Gly Arg Gly Leu Glu Trp Ile		
	Gly (SEQ ID NO: 14)		
FR3 ²	Arg Val Thr Met Leu Arg Asp Thr Ser Lys Asn Gln		
	Phe Ser Leu Arg Leu Ser Ser Val Thr Ala Ala Asp Thr		
	Ala Val Tyr Tyr Cys Ala Arg (SEQ ID NO: 15) and		
FR4 ²	Trp Gly Gln Gly Ser Leu Val Thr Val Ser Ser (SEQ ID		
	NO: 16);		
<u>and</u>			
(2) a C region	of an H chain of a human antibody Cγ.		
(D. 1. D. 4.1			
(Previously Presented) The method according to claim 13, wherein the			
antibody suppresses abnormal growth of snyovial cells.			
(Cancelled)			
(
(Previously Presented) The method according to claim 13, wherein the patient			
is a human.			
(Praviously Presented	The method according to claim 16, wherein the		
(Previously Presented) The method according to claim 16, wherein the			
antibody is administer	red in four divided doses from about 1 to 1000 mg.		
(Cancelled)			

Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Arg

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Claim 14

Claim 15

Claim 16

Claim 17

Claim 18

FR1²